KOKUSAI DENKI

Single CMOS Sensor Compact Camera Camera Link

0.38MPIX KP-FM(R)30WCL
2.3MPIX KP-FM(R)230WCL
5MPIX KP-FM(R)520WCL

Features

- **High Resolution and High-Speed Output**
- **Compact Body**
  Effective size for narrow space:
  Dimensions; 29mm(W)×29mm(H)×29mm(D),
  Weight; approx. 45g
- **Global Shutter**
  Stable and no distortion Video signal against fast subject movement by G/S sensor
- **Frame On Demand**
  Image can be captured at any timing by inputting a trigger signal
- **Selective Frame Rate**
  Frame rates can be selected by setting the Camera Link output tap and Camera Link frequency
- **Selective Power Supply**
  DC Power can be supplied from the frame grabber board through the Camera Link cable, and can be also supplied from the DCIN/SYNC port.

■ Specifications

Model Line up	0.38 Million Pixels	2.3 Million Pixels	5 Million Pixels
Model Name	Mono: KP-FM30WCL Color: KP-FMR30WCL	Mono: KP-FM230WCL Color: KP-FMR230WCL	Mono: KP-FM520WCL Color: KP-FMR520WCL
Imaging Sensor	Global Shutter CMOS: Mono/ Color		
Imaging Pixels	720(H)×540(V)	1920(H)×1200(V)	2448(H)×2048(V)
Frame Rate	Max. 523.5fps	Max. 92.6fps	Max. 35.7fps
Pixel's Size	6.9μm×6.9μm	3.45μm×3.45μm	
Lens Mount	C Mount		
Mainly Functions	Trigger, Partial scan, Electronic shutter		
Power Consumption	DC12V±1V approx. 167mA		
External Dimensions	29(W)×29(H)×29(D)mm (excluding protrusions)		
Mass	Approx. 45g (excluding lens)		

This product shall be proceeded in necessary steps under applicable export control laws and regulations before shipment.
These specifications are subject to change without notice. All other trademarks are the property of their respective owners.

⚠ **CAUTION :** To ensure safe operation, please read the instruction manual before using this product.

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